

ABSTRACT OF THE DISCLOSURE

An internal RAS generating circuit generates an internal signal instructing activation of a word line, based on a control command received from the outside. The internal RAS generating circuit activates the
5 internal signal at least during a period in which an internal RAS guarantee signal received from an internal RAS guarantee signal generating circuit is asserted, regardless of the control command instructing inactivation of the word line. In a normal operation mode, the internal RAS guarantee signal generating circuit activates the internal RAS guarantee signal until a
10 prescribed period guaranteeing a restoring operation elapses, while in the test mode, it inactivates the internal RAS guarantee signal.